

Patent
52478-2800CLAIMS

1 1. (Currently Amended) A fluorescent lamp comprising:
2 a fluorescent tube that is composed of a glass tube having a phosphor layer
3 formed on an inner surface thereof and mercury and a rare gas enclosed therein; and
4 electrodes that cause an electrical discharge within the fluorescent tube,
5 wherein the glass tube is made of a glass material that contains an emissive
6 element mixed within the glass material, the emissive element emitting, when exposed to first
7 ultraviolet light that is emitted due to mercury excitation, second ultraviolet light that has a
8 longer wavelength than the first ultraviolet light.

1 2. (Original) The fluorescent lamp of Claim 1,
2 wherein the emissive element emits visible light together with the second
3 ultraviolet light, when exposed to the first ultraviolet light.

1 3. (Currently Amended) The fluorescent lamp of Claim 1.
2 wherein an entire luminous flux emitted from ~~the~~the fluorescent lamp includes:
3 a first luminous flux that is formed by visible light emitted from the phosphor
4 layer when exposed to the first ultraviolet light;
5 a second luminous flux that is formed by visible light emitted from the emissive
6 element when exposed to the first ultraviolet light; and
7 a third luminous flux that is formed by visible light emitted from the phosphor
8 layer when exposed to the second ultraviolet light,
9 wherein the second luminous flux and the third luminous flux together constitute
10 at least 2% of the entire luminous flux emitted from the fluorescent lamp.